



PTO/SB/80 (12-03)

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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number:

27366

OR

☐ Practitioner(s) named below (If more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

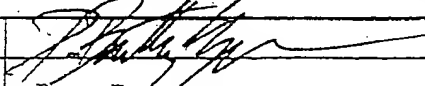
Assignee Name and Address:

Microsoft Corporation
One Microsoft Way
Redmond, WA 98052

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name			
Signature	Bart Eppenauer	Date	
Title	Assistant Secretary	Telephone	425 703-0645

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Cung Ngoc Phan

Appln. No. : 09/736,554

Filed : December 13, 2000

For : SYSTEM AND METHOD FOR
DISTRIBUTING IN REAL-TIME,
INVENTORY DATA ACQUIRED FROM IN-
STORE POINT OF SALE TERMINALS

Docket No. : M61.12-0296



Group Art Unit: 3625

Examiner: N. Rosen

STATEMENT UNDER 37 C.F.R. § 3.73(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS
BEING SENT BY U.S. MAIL, FIRST CLASS, TO
THE COMMISSIONER FOR PATENTS, P.O. BOX
1450, ALEXANDRIA, VA 22313-1450, THIS

21st DAY OF April, 2005.
Thomas R. Lanning
PATENT ATTORNEY

Sir:

Microsoft Corporation, is the owner of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel , Frame , or a copy of which is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: Cung N. Phan To: Sales Management Systems, Inc.
The document was recorded in the Patent and Trademark Office at Reel 015658, Frame 0423, or a copy of which is attached.
2. From: Sales Management Systems, Inc. To: Microsoft Corporation
The document was recorded in the Patent and Trademark Office at Reel 015658, Frame 0736, or a copy of which is attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Signature : 

Dated: April 21, 2005

Name : Leanne R. Taveggia

TITLE : Patent Attorney, Registration No. 53,675



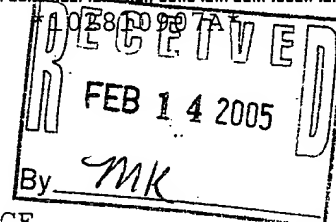
UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 08, 2005

PTAS

WESTMAN, CHAMPLIN & KELLY, P.A.
JOSEPH R. KELLY
SUITE 1600 INTERNATIONAL CENTRE
900 SECOND AVENUE SOUTH
MINNEAPOLIS, MN 55402



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/09/2004

REEL/FRAME: 015658/0423
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PHAN, CUNG N.

DOC DATE: 05/14/2002

ASSIGNEE:

SALES MANAGEMENT SYSTEMS, INC.
5109-C2 EAST LA PALMA AVENUE
ANAHEIM, CALIFORNIA 92807

SERIAL NUMBER: 09736554

FILING DATE: 12/13/2000

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR DISTRIBUTING IN REAL-TIME, INVENTORY DATA
ACQUIRED FROM IN-STORE POINT OF SALE TERMINALS

015658/0423 PAGE 2

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-11-2004

PATENT RECORDATION &
COVER SHEETney Docket No.
61.12-0298

102810907

To the Director of the U.S. Patent and
document or copy thereof.

ord the attached original

1. Name of conveying party(ies):

- (1) Cung N. Phan
(2) ---
(3) ---

Additional name(s) of conveying party(ies)
attached? [] Yes [] No2. Name and address of receiving
party(ies):

Name: Sales Management Systems, Inc.
Internal Address:
Street Address: 5109-C2 East La Palma
Ave.
City Anaheim State CA ZIP 92807

Additional name(s) & address(es) attached?
[] Yes [] No

3. Nature of Conveyance:

- [x] Assignment [] Merger
[] Security Agreement
[] Change of Name [] Other

Execution Date: May 14, 2002

OFFICE OF PUBLIC RECORDS
2004 AUG -9 PM 4:17
FINANCE SECTION

4A. Application No. (s)

If this document is being filed together with a
new application, the execution date(s) of the
Declaration of the application is: ---

Additional numbers attached? [] Yes [] No

4B. Patent No. (s)

Additional numbers attached?
[] Yes [] No

09736554

5. Name and address of party to whom corres-
pondence concerning document should be mailed:

Name: Joseph R. Kelly
Street Address: Westman, Champlin & Kelly, P.A.
Suite 1600
International Centre
900 Second Avenue South
City: Minneapolis State: MN ZIP 55402

6. Total number of applications and
patents involved: [---]

7. Total fee (37 CFR 3.41): \$ 40.00

8. Method of Payment

- [X] Enclosed
[X] The Director is authorized to
charge payment of any additional
recording fees or credit any
overpayment to deposit account
No. 23-1123.

08/10/2004 LMUELLER 00000137 09736554

01 FC:8021

80.00 DP

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document.

Joseph R. Kelly
Name of Person Signing

Signature

8-5-4
Date

Total number of pages submitted: [---]

PATENT ASSIGNMENT

This Patent Assignment ("Assignment") is effective as of the 14th day of May, 2002, by and between Sales Management Systems, Inc., a Nevada corporation ("Company"), and Cung Phan, an individual and a resident of the state of California ("Assignor").

WHEREAS, Assignor has rights in U.S. Patent Application No. 09/736,554 entitled "System and method for distributing in real-time, inventory data acquired from in-store point of sale terminals", dated December 13, 2000; U.S. Patent Application No. 09/736,543 entitled "In-store customer display device and method", dated December 13, 2000; and U.S. Patent Application No. 09/756,591 entitled "System and method for controlling access to user interface elements", dated January 8, 2001 (collectively, the "Patent Applications").

WHEREAS, Assignor desires to assign all of his right, title and interest in and to the Patent Applications, and the Company desires to acquire the entire right, title and interest in and to the Patent Applications.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby acknowledges and agrees to the following:

Assignor does hereby acknowledge that Assignor has irrevocably sold, assigned, transferred and set over, and does hereby irrevocably sell, assign, transfer and set over, unto the Company, its successors, legal representatives and assigns, the entire right, title and interest (including any and all patent rights, copyrights, mask work rights, trade secret rights, trademark rights, sui generis database rights, rights of publicity, rights of privacy, moral rights and all other intellectual and industrial property rights of any kind anywhere in the world) in, to and under: (i) the Patent Applications and all applications and Letters Patent of the United States which may be filed and/or granted thereon and all divisions, reissues, renewals, continuations, continuations in-part and extensions thereof; (ii) all rights of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; (iii) all applications and patents which may hereafter be filed and/or granted for any of the inventions described in the Patent Applications in any country or countries foreign to the United States and all divisions, reissues, renewals, continuations, continuations in-part and extensions thereof (items (i) through (iii) are collectively referred to as the "Assigned Patents"); and (iv) the right, if any, to sue or bring any action for past, present and future infringement of the Assigned Patents. Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications for aforesaid, to issue all Letters Patent or foreign patents for the applicable Assigned Patents to the Company, its successors, legal representatives and assigns.

Assignor hereby covenants and agrees that Assignor will: (i) cooperate with the Company, its successors, legal representatives and assigns, in the prosecution of U.S. patent applications and foreign counterparts on the inventions described in the Patent Applications and any Improvements thereon; (ii) communicate to the Company, its successors, legal representatives and assigns, any facts known to Assignor respecting the Assigned Patents, and testify in any legal proceedings, sign all required papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the Company, its successors, legal representatives and assigns, to obtain, maintain and enforce proper patent protection for the Assigned Patents in all countries; and (iii) execute, acknowledge and deliver to the Company, its successors, legal representatives and assigns, any and all further instruments and assurances necessary or expedient in order to vest rights assigned hereunder more effectively in the Company, its successors, legal representatives and assigns. This Assignment constitutes the entire and only agreement of the parties relating to the subject matter hereof and supersedes all prior representations, agreements, understandings, course of dealings and negotiations regarding the same.

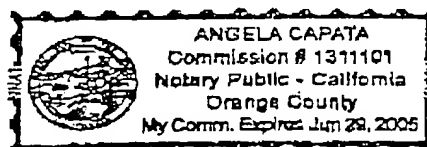
STATE OF CALIFORNIA) SS: 586-40-9970 Dated: 5/14/2002
COUNTY OF ORANGE) Name: CUNG N. PHAN

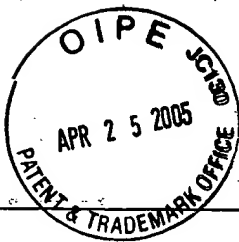
On this 14th day of May in the year 2002, before me (the undersigned Notary Public who is duly commissioned and sworn), Cung N. Phan personally appeared and ~~personally known to me or~~ proved to me on the basis of satisfactory evidence to be the person who executed this Assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal as of the effective date above.

[SEAL]

Angela Capata
Notary Public in and for the aforesaid County and State





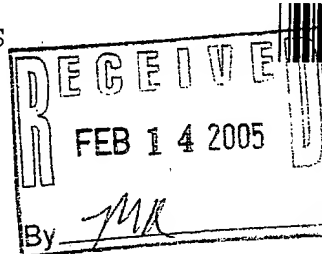
UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 08, 2005

WESTMAN CHAMPLIN & KELLY
JOSEPH R. KELLY
900 SECOND AVENUE SOUTH
SUITE 1600, INTERNATIONAL CENTRE
MINNEAPOLIS, MN 55402

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/09/2004

REEL/FRAME: 015658/0736
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:-----
SALES MANAGEMENT SYSTEMS, INC.

DOC DATE: 01/20/2003

ASSIGNEE:
MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

SERIAL NUMBER: 09736543

FILING DATE: 12/13/2000

PATENT NUMBER:

ISSUE DATE:

TITLE: IN-STORE CUSTOMER DISPLAY DEVICE AND METHOD

SERIAL NUMBER: 09736554

FILING DATE: 12/13/2000

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR DISTRIBUTING IN REAL-TIME, INVENTORY DATA
ACQUIRED FROM IN-STORE POINT OF SALE TERMINALS

015658/0736 PAGE 2

SERIAL NUMBER: 09756591

FILING DATE: 01/08/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR CONTROLLING ACCESS TO USER INTERFACE ELEMENTS

DIANE RUSSELE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-11-2004

8.9.04

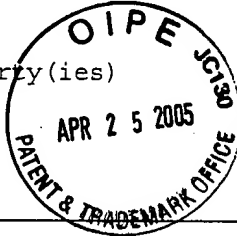
PATENT RECORDATION
COVER SHEET

102810971

Attorney Docket No.
M61.12-0298

To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):
 (1) Sales Management Systems, Inc.
 (2) ---
 (3) ---

Additional name(s) of conveying party(ies)
attached? [] Yes [] No

2. Name and address of receiving party(ies):

Name: Microsoft Corporation
 Internal Address:
 Street Address: One Microsoft Way
 City Redmond State WA ZIP 98052

Additional name(s) & address(es) attached?
[] Yes [] No

3. Nature of Conveyance:

[x] Assignment [] Merger
 [] Security Agreement
 [] Change of Name [] Other

Execution Date: January 20, 2003OFFICE OF PUBLIC RECORDS
2004 AUG -9 PM 4:17
FINANCE SECTION

- 4A. Application No.(s)

--- See Schedule

If this document is being filed together with a new application, the execution date(s) of the Declaration of the application is: ---

Additional numbers attached? [] Yes [] No

- 4B. Patent No.(s)

Additional numbers attached?
[] Yes [] No

09736543

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joseph R. Kelly
 Street Address: Westman, Champlin & Kelly, P.A.
Suite 1600
International Centre
900 Second Avenue South
 City: Minneapolis State: MN ZIP 55402

6. Total number of applications and patents involved: [---]

7. Total fee (37 CFR 3.41):.....\$ 40.00

8. Method of Payment

[X] Enclosed
 [X] The Director is authorized to charge payment of any additional recording fees or credit any overpayment to deposit account No. 23-1123.

08/10/2004 LMUELLER 00000136 09736543

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120.00 OP

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joseph R. Kelly
 Name of Person Signing

Joseph R. Kelly
 Signature

8-5-4
 Date

Total number of pages submitted: [---]

ASSIGNMENT

WHEREAS, SALES MANAGEMENT SYSTEMS, INC, a wholly owned subsidiary of Microsoft Corporation, (hereinafter referred to as "Assignor") owns all right, title and interest in and to the inventions, patents and patent applications (hereinafter referred to as the "Intellectual Property") identified in Schedule A attached hereto; and

WHEREAS, MICROSOFT CORPORATION, a Washington Corporation, (hereinafter referred to as "Assignee"), is desirous of acquiring all right, title, and interest in and under the Intellectual Property.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor assigns and transfers to the Assignee and the Assignee's legal representatives, successors and assigns, its full and exclusive rights in and to the Intellectual Property in the U.S. and every foreign country and its entire right, title, and interest in and to the Intellectual Property and related applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the Intellectual Property, and extensions or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

UPON SAID CONSIDERATION, Assignor conveys to the Assignee the right to make application in its own behalf for protection of the Intellectual Property in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of any earlier U.S. application (or any other application on the invention) to gain priority with respect to other applications.

IN WITNESS WHEREOF, Assignor has caused one of its officers to hereunder set his hand on the date shown below.

Date January 20, 2003

[Signature]
Vice President & Secretary
Title

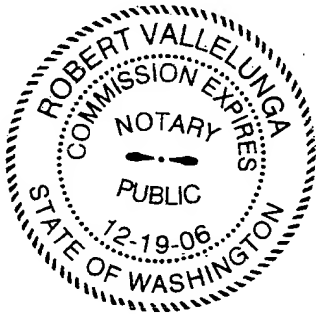
STATE OF WASHINGTON)

) SS:

COUNTY OF KING)

On this 20th day of January, 2003, before me, a Notary Public in and for said county, appeared Kevin J. Fay, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

{SEAL}



Robert Valledunga
Notary Public

My Commission Expires: 12-19-06

Schedule A

Country	Appl/ Patent No.	Title	Filing Date
US	09/736,543	In-store Customer Display Device and Method	12/13/2000
US	09/736,554	System and Method for Distributing in Real-time, Inventory Data Acquired from In-store Point of Sale Terminals	12/13/2000
US	09/756,591	System and Method for Controlling Access to User Interface Elements	1/8/2001